

Converting Colors

YIQ(221.5810, -54.0050,
-28.9890)

Have a look what the booklet for
YIQ(221.5810, -54.0050, -28.9890)
contains.

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Color

**YIQ(221.5810, -54.0050,
-28.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	98FFE8
RGB	152, 255, 232
RGB Percent	60%, 100%, 91%
CMY	0.4042, 0.0000, 0.0904
CMYK	0.40, 0.00, 0.09, 0.00
HSL	167°, 100%, 80%
HSV	167°, 40%, 100%
XYZ	63.2549, 84.0124, 89.1887
YIQ	221.5810, -54.0050, -28.9890

Conversions

Conversions Part 2

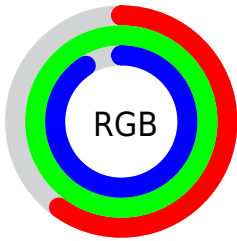
Format	Color
R_{YB}	152, 210, 255
Decimal	10026984
CIE _{Lab}	93.46, -35.25, 1.59
CIE _{LCh}	93, 35.290, 177.425
Yxy	84.0124, 0.2675, 0.3553
Android (android.graphics.Color)	4288217064 (0xFF98FFE8)
YUV	221.5810, 5.1366, -61.0225
Hunter-Lab	91.6583, -37.2161, 6.4682

Details

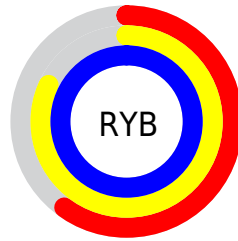
The YIQ color **221.5810, -54.0050, -28.9890** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **185.4190, 54.0050, 28.9890**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, -26.8200, -9.5400**, and **164.6950, -54.3260, -28.6780** is the 20% darker color. If you saturate the color by 10%, you get **213.1230, -67.5750, -36.3670**, and if you desaturate by 10%, it is **229.7400, -41.0310, -21.8230**.

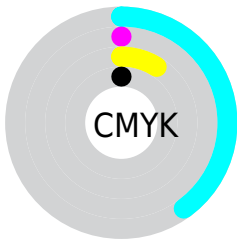
Distribution



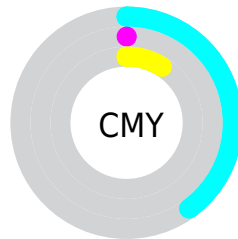
- Red (60%)
- Green (100%)
- Blue (91%)



- Red (60%)
- Yellow (82%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5810, -54.0050, -28.9890 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 221.5810, -54.0050, -28.9890 by changing the saturation by 10% instead.

221.5810,
-54.0050, -28.9890

221.5810,
-54.0050, -28.9890

255.0000, -0.0000,
-0.0000

192.6950,
-54.3260, -28.6780

241.5450,
-26.8200, -9.5400

164.3960,
-54.9220, -28.8900

250.5150, -8.9400,
-3.1800

136.3250,
-56.1600, -28.4800

106.7480,
-61.8450, -30.0770

79.9650, -63.9540,
-30.4020

62.5540, -49.3750,
-24.7910

45.9580, -35.7130,

-19.0810

■ 30.0630, -22.6470,
-13.5830

■ 13.2390, -8.3430,
-8.4950

■ 221.5810,
-54.0050, -28.9890

■ 221.5810,
-54.0050, -28.9890

■ 213.1230,
-67.5750, -36.3670

■ 229.7400,
-41.0310, -21.8230

■ 205.0780,
-80.8700, -43.2220

■ 238.0840,
-27.1400, -14.7560

■ 196.6200,
-94.4400, -50.6000

■ 246.2430,
-14.1660, -7.5900

■ 188.4610,
-107.4140, -57.7660

254.7010, -0.5960,
-0.2120

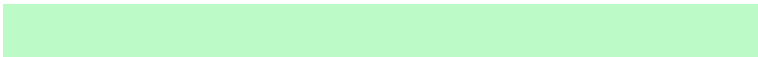
■ 180.0030, 255.0000, -0.0000,
-120.9840, -65.1440 -0.0000

■ 172.2570,
-133.6830, -71.7870

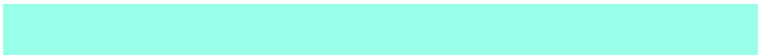
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.2350, -20.8560, -29.5280



221.5810, -54.0050, -28.9890



217.6360, -73.0330, -25.5530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.5810, -54.0050, -28.9890



233.7690, -3.3030, 10.3050



227.0790, 33.1500, -6.0660

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



221.5810, -54.0050, -28.9890



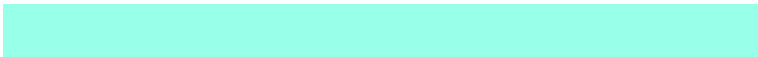
185.4190, 54.0050, 28.9890

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.7600, 27.2790, 6.7270



221.5810, -54.0050, -28.9890



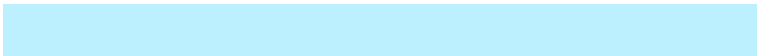
232.6940, 10.4500, 19.8740

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5810, -54.0050, -28.9890



226.4610, -35.2110, -6.1470



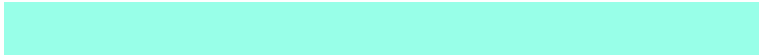
227.4620, 16.9150, 18.3470



232.1680, 33.9770, -15.5510

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.5810, -54.0050, -28.9890



217.9570, -69.5030, -23.4470



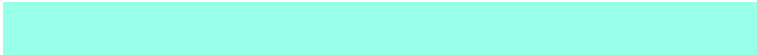
227.4620, 16.9150, 18.3470



225.6430, 31.6820, -1.4860

Sweetspot

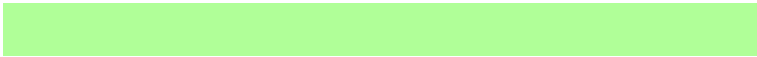
The Sweet Spot groups the original color and five complimentary colors.



221.5810, -54.0050, -28.9890



244.9330, -16.2290, -8.7490



219.6370, -14.0210, -48.7810



122.1620, -9.4440, -5.0600



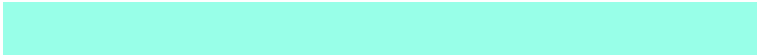
0.0000, 0.0000, 0.0000



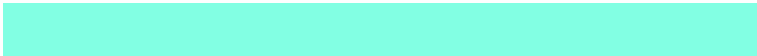
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.5810, -54.0050, -28.9890



214.4330, -65.5120, -35.2080



208.3540, -53.9630, -7.7150



123.7710, -6.7850, -3.6890



128.9890, -100.0330, -53.8650



43.1540, -33.3290, -18.2330

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.4190, 54.0050, 28.9890



170.5670, 65.5120, 35.2080



198.6460, 53.9630, 7.7150



119.2290, 6.7850, 3.6890



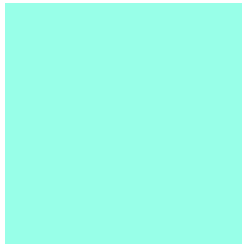
62.0110, 100.0330, 53.8650



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 221.5810, -54.0050, -28.9890 looks on a white background.

Color Contrast Check

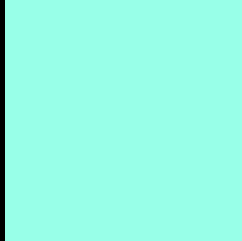
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 221.5810, -54.0050, -28.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

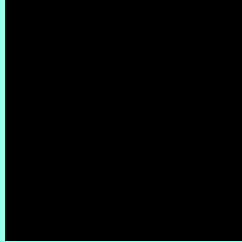
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

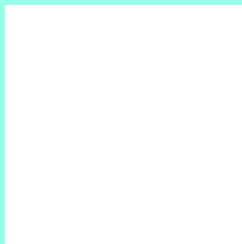
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.5810, -54.0050, -28.9890 Background



This preview shows how black text looks on a background with the YIQ color 221.5810, -54.0050, -28.9890.



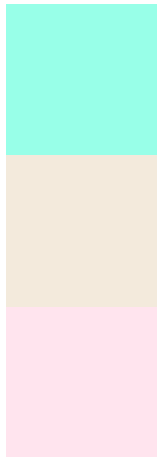
This preview shows how white text looks on a background with the YIQ color 221.5810, -54.0050, -28.9890.

-28.9890.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

221.5810, -54.0050, -28.9890

Protanopia

235.0950, 9.8580, -2.4460

Deuteranopia

237.2130, 12.8820, 8.8340



Tritanopia

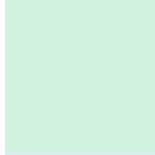
230.9130, -30.6720, -5.8080

Trichromacy



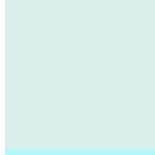
Original Color

221.5810, -54.0050, -28.9890



Protanomaly

230.3800, -13.2940, -12.3820



Deuteranomaly

231.7920, -11.2780, -4.8620



Tritanomaly

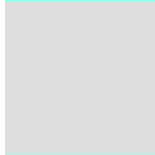
227.2660, -39.3360, -13.9920

Monochromacy



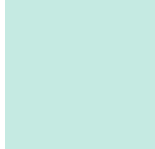
Original Color

221.5810, -54.0050, -28.9890



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.0250, -19.4840, -10.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5810, -54.0050, -28.9890 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 232) }
```

Border

The CSS property to change the border of an element to YIQ 221.5810, -54.0050, -28.9890 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 255, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 255, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5810, -54.0050, -28.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152,  
255, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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